



Spot well on plat.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
OSAGE AGENCY  
PAWHUSKA, OK 74056  
Report of Completed & Deepened Wells  
Within the Osage Reservation

Oil, Gas, SWD Dry, etc.

One original report must be filed within 10 days after completion of well.

Company Operating: Nadel and Gussman LLC Address 15 E 5th Street Suite 3200 First Place Tower Tulsa, OK 74103Lessee: Nadel and Gussman LLC Lessor: **OSAGE TRIBE**Well No.: 46A  $\frac{1}{4}$  SW Section 19 Township 23N Range 8E Farm Name KB 1009Well located 1501 feet from N/S line, 1186 feet from E/W line.Elevation DF  
GL 999Elevation and location surveyed by: Topographic SurveyorsDrilling contractor(s): Dan D Drilling Co Began 10-05-13 Finished 10-11-13Rotary drilled interval & bit size(s): 12-1/4" surface - 384' & 8-3/4" 384' - 3860'

Cable drilled interval &amp; bit size(s): \_\_\_\_\_

## Casing used in drilling

Length	Size	Weight
ft.	ins.	lbs./ft.
384	9-5/8	36
3075	7	26
ft.	ins.	lbs./ft.

## Casing left in hole

Thread	Length	Landed
in.	ft.	ft.
9-5/8	384	384
7	3079	3075
in.	ft.	ft.

## Cement used, include gel &amp; additives

Interval cemented	to	circ
200 sx class A 3% ca cl2	384	0
220sx class A w/ 10% Ca Cal 10% gyp	3074	1900'
	to	

Intervals performed \_\_\_\_\_ holes \_\_\_\_\_ to \_\_\_\_\_; \_\_\_\_\_ holes \_\_\_\_\_ to \_\_\_\_\_; \_\_\_\_\_ holes \_\_\_\_\_ to \_\_\_\_\_

Intervals left open OH 3075'-3860'; Intervals shut off & methods \_\_\_\_\_Plug back depth 3860' Packer set? YES / NO Setting Depth \_\_\_\_\_ Packer left in? YES / NOHow were fresh water & other zones protected? 9-5/8" run to 384' cmtd to surface

3038' 4 1/2" Perm. Lined CS9 w/  
7" x 4 1/2" Comp. PKR set at 3038'  
Tested annulus to 300# Held.

## INITIAL PRODUCTION BEFORE TREATMENT

Flow \_\_\_\_\_ Pump \_\_\_\_\_ Swab \_\_\_\_\_ Bail \_\_\_\_\_

## Initial Potential Rate for 24 Hour Period

Casing \_\_\_\_\_ Tubing \_\_\_\_\_ Choke size \_\_\_\_\_

Oil \_\_\_\_\_ bbls. Gas \_\_\_\_\_ MMCF, Water \_\_\_\_\_ bbls.

Duration of test \_\_\_\_\_ hrs. Gravity \_\_\_\_\_ API

SICP \_\_\_\_\_ psi SITP \_\_\_\_\_ psi

Formation treatment (shot, acid, fracture, etc.). Indicate amount of materials used (i.e., nitro, sand, water, acid or other).

\_\_\_\_\_ feet to \_\_\_\_\_  
\_\_\_\_\_ feet to \_\_\_\_\_  
\_\_\_\_\_ feet to \_\_\_\_\_

## INITIAL PRODUCTION AFTER TREATMENT &amp; RECOVERY OF LOAD

Flow \_\_\_\_\_ Pump \_\_\_\_\_ Casing \_\_\_\_\_ Tubing \_\_\_\_\_ choke size \_\_\_\_\_

## Initial Potential Rate for 24 Hr. Period

Duration of test \_\_\_\_\_ hrs., Gravity \_\_\_\_\_ API

Oil \_\_\_\_\_ bbls. Gas \_\_\_\_\_ MMCF, Water \_\_\_\_\_ bbls.

Location fee paid \_\_\_\_\_ Date \_\_\_\_\_ Amount \$ \_\_\_\_\_

Signature \_\_\_\_\_ Position with Lessee \_\_\_\_\_